

AD-A187 410

☐ DELETE

☐ NEW

☐ REPLACE

☐ CORRECTION

NTIS COMPUTER PRODUCTS CATALOG DATA SHEET		1. ACCESSION NO.	2. CONTRIBUTING AGENCY REPORT NO. *See box 10  DOD/SW/MT-88/007	3. SUBJECT  (1)
4. PRODUCT (circle one)				
DATA FILE		PUBLICATION		
DATA BASE REFERENCE SERVICE		SOFTWARE		MODEL, SIMULATION
5. AGENCY, BUREAU, DIVISION, AND ADDRESS				
ASD/SCOL Language Control Division Area B, Bldg 676 Wright-Patterson AFB OH 45433-6503				
6. PRODUCT NAME (Use agency nomenclature)				
Ada Compiler Validation Capability (ACVC) 1.9: ANSI				
7. DESCRIPTORS OF PRODUCT (Keywords, identifiers, etc.) *Software,				
The ACVC is a suite of tests designed to test an Ada Compiler's Conformance to MIL-STD-1815A.				
8. DATES OF COVERAGE (For one-time reports, use as-of-date; for software, use date and release no.)			9. FILE SIZE IN NO. OF:	
10 Dec 86, Version 1.9			REELS 0 0 1	PUNCHED CARDS
10. AVAILABILITY STATEMENT - AGENCY NAME AND ADDRESS, ORDER NO., ETC. (If NTIS sells, leave blank)				
*See also: AD-A186 391				
11. PRICE INFORMATION				
Price code: T99 (\$1,000)		Price includes documentation: DOD/SW/MT-88/007A		
12. GEOGRAPHIC SCOPE				
No restrictions				
13. TECHNICAL REPRESENTATIVES (List at least one for subject and one for media)				
NAME	TITLE		PHONE NO.	
Steve Wilson	Mathematician		513-255-4472	
14. DOCUMENTATION			EXPECTED AVAILABILITY DATE	
<input checked="" type="checkbox"/> AVAILABLE as:				

ONE FILE COPY

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## 15. COMPUTER PRODUCT ABSTRACT

The Ada Compiler Validation Capability (ACVC) is a suite of tests designed to determine an Ada compiler's conformance to MIL-STD-1815A, the Ada Language Reference Manual (LRM). Version 1.9 was released in December 1986 and became the official ACVC version, replacing 1.8, in June 1987. ACVC version 1.9 will be the official version until June 1988 when it will be replaced by ACVC version 1.10. Each of the 3122 tests in the ACVC 1.9 is designed to test a single test objective specified in the Ada Implementor's Guide (AIG), a document enumerating the LRM into discrete test objectives in order to aid compiler development... Software Description: The model is written in the ADA programming language for implementation on a DEC VAX-11/780 Computer using the VMS operating system. Memory requirement is 10 K bytes.

NTIS  
\$1.00



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## 16. DATA FILE TECHNICAL DESCRIPTION

Source tape is in ASCII character set. Character set restricts preparation to 9 track, one-half inch tape only. Identify recording mode by specifying density only. Call NTIS Computer Products, if you have any questions.

## 17. SOFTWARE TECHNICAL DESCRIPTION

Software is written in;

Fortran \_\_\_\_\_ COBOL \_\_\_\_\_ Basic \_\_\_\_\_ Assembly \_\_\_\_\_ Other (Specify) Ada

Software requires;

CPR Mfr. DEC VAX-11/780 Model(s) \_\_\_\_\_ Operating system(s) VMS

Minimum of 10 K bytes core. The following special features and/or additional requirements in hardware:

SIGNATURE OF AGENCY REPRESENTATIVE, PHONE NO., AND DATE

SIGNATURE OF NTIS REPRESENTATIVE AND DATE FORM PREPARED

# COMPUTER MAGNETIC TAPE FILE PROPERTIES

01 Completion Date Year: 87 Month: 10 Day: 20			02 Form Prepared By (Name and Phone) Steven P. Wilson			03 Reel ID Number (Property Control No.) ACVC 1.9 ANSI		
04 Recording Date Year: 87 Month: 10 Day: 16			05 File Identifier or Descriptive Title Ada Compiler Validation Capability (ACVC) Version 1.9					
07 Source Unavailable Year: 92 Month: 12 Day: 01			08 Documentation Yes: X No:    Available: (Enter Citation)			06 Short Title (External Label Name) ACVC 1.9		
10 To Be Returned Yes:    No: X To Other Than The Sender:			11 Submitting Organization & Address ASD/SCOL Bldg 676 WPAFB OH 45433			12 Receiving Organization & Address U.S. Department of Commerce National Technical Information Service 5285 Port Royal Road Springfield VA 22161		
13 Due Back Date Year:    Month:    Day:								
14 Technical Contact(s) & Phone Number(s) Steve Wilson 513-255-4472								

## RECORDING SYSTEM CHARACTERISTICS

EQUIPMENT MANUFACTURER AND MODEL	15. Processing Unit DEC VAX-11/780		17. No. of Tracks			18. Parity		19. Density (BPI)  1600
	16. Tape Subsystem Systems Industries 1953		7	9	Other	Odd	Even	
RECORDING SOFTWARE	20. Operating System, Release & Version VMS		22. Internal File Identifier  None					
	21. Utility Program or Data Base Language Copy							
23. Characters Set (Graphics) <input checked="" type="checkbox"/> ASCII <input type="checkbox"/> BCD <input type="checkbox"/> Other (Specify) <input type="checkbox"/> EBCDIC <input type="checkbox"/> FIELDATA <input type="checkbox"/> Non-Print Codes			24. Recorded Label (Internal Label) <input type="checkbox"/> Header <input checked="" type="checkbox"/> ANSI X 3.27 Standard <input type="checkbox"/> Other <input type="checkbox"/> Trailer <input type="checkbox"/> FIPS Standard <input type="checkbox"/> None					

## FILE CHARACTERISTICS

NUMBER OF RECORDS	25. Physical 6026		27. Record Type <input type="checkbox"/> Fixed Length <input checked="" type="checkbox"/> Other Than Fixed		28. Records/Block (Blocking Factor) N/A	29. TYPE OF FILE ORGANIZATION (Check One Box)  <input type="checkbox"/> One File One Reel <input type="checkbox"/> One File Multiple Reels <input checked="" type="checkbox"/> Multiple Files One Reel <input type="checkbox"/> Multiple Files Multiple Reels
	26. Logical 143					
RECORD LENGTH	30. Physical <input checked="" type="checkbox"/> Bytes <input type="checkbox"/> Chars <input type="checkbox"/> Words (    Bits/Word)					
	31. Logical <input type="checkbox"/> Bytes <input checked="" type="checkbox"/> Chars <input type="checkbox"/> Words (    Bits/Word)					

## SUPPLEMENTAL INFORMATION

32 Use/Handling Constraints (Specify if Yes)

Yes	No

33 For Submitting Organization Use